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L1: Entry 2 of 9

File: USPT

Mar 11, 2003

DOCUMENT-IDENTIFIER: US 6532495 B1

TITLE: Internet download enhancement system

Detailed Description Text (13):

In a first embodiment, an information control module, shown as 1000, detects the second commence-download command and interrupts the subsequent execution of that command and in any sequence, initiates through modem 122 and data line 114 a data retrieval communication with module 2000 (to be described) included as part of the ISP system 120. The 1000 module receives the requested data, forms information 144 (FIG. 2) and populates a selection menu 142 with information 144, and displays selection menu 142. The data retrieval communication is a query of high speed data channel availability information. Module 1000 receives data from module 2000 via modem 122 and data line 114 relating to real-time, or near-real time high speed download channel availability from module 2000 and then populates menu 142 with information 144 based on data received from module 2000. Software module 1000 calculates download times based on the received data, and arranges information 144 to include the calculated download time and an associated selection icon 146. Any arrangement of selection icons enabling the selection of the default, slower speed option or any of the higher speed options is contemplated. Alternatively, the download time for high speed download options can be calculated at module 2000 and communicated to module 1000, in which case module 1000 communicates the size of download file 101 to module 2000. Alternatively, module 1000 can poll module 2000 for high speed download option availability at specified time intervals independent of a subscriber-initiated download request.

WEST Search History

DATE: Tuesday, February 24, 2004

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DB=USPT; PLUR=NO; OP=ADJ



L1 (download adj1 time) near9 calculat\$9

9

END OF SEARCH HISTORY

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L1: Entry 3 of 9

File: USPT

Jan 7, 2003

DOCUMENT-IDENTIFIER: US 6505237 B2

TITLE: Method and system for management of message attachments

Brief Summary Text (14):

A criterion that may be utilized as the prescribed requirement for the screening process is the size of the attached file to be auto-downloaded. A maximum size may be input to the client device as a threshold to allow only attached files smaller than the maximum size to be auto-downloaded from the server to the client device. The prescribed requirement may also be characterized by the maximum download time. In this configuration, the attachment filter only allows attached files that may be downloaded faster than a preset threshold download time to be auto-downloaded. The download time can be calculated by factoring in the size of an attached file and the speed of the connection between the server and the client device.